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Jun 16, 1987

PUB-NO: JP362132824A

DOCUMENT-IDENTIFIER: JP 62132824 A

TITLE: REMEDY FOR HEPATITIS

PUBN-DATE: June 16, 1987

INVENTOR-INFORMATION:

NAME

COUNTRY

OGATA, YOSHITAKE

ASSIGNEE-INFORMATION:

NAME

COUNTRY

EISAI CO LTD

APPL-NO: JP60272398

APPL-DATE: December 5, 1985

INT-CL (IPC): A61K 31/235; C07C 69/88

ABSTRACT:

PURPOSE: To provide a remedy for hepatitis containing ethyl gallate as an active component and exhibiting protective effect to hepatic disorder of an experimental hepatic disorder model caused by galactosamine by oral administration.

CONSTITUTION: Ethyl gallate is used as a remedy for hepatitis. Ethyl gallate is rich in fresh leaves of $\underline{\text{Bixa orellana}}$ L. (a plantnative to Indonesia) and an extract of the leaf may be used as the agent. Concretely, fresh leaves of $\underline{\text{Bixa}}$ $\underline{\text{orellana}}$ L. are immersed in 50% ethanol, the solvent is distilled off under reduced pressure, the residue is extracted with ethyl acetate and the solvent is distilled off. The residue is subjected to silica gel column chromatography and eluted with a chloroform-methanol mixture (10:1 V/V) to obtain ethyl gallate. It exhibits protective effect to hepatic disorder by $\underline{\text{oral}}$ administration.

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